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Attorney Docket No. 337348046US

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Firluk et al.

Application No.: 10/606,202

Confirmation No.: 4373

Filed: June 24, 2003

Art Unit: 3762

For: **METHODS AND APPARATUS FOR
EFFECTUATING A LASTING CHANGE IN
A NEURAL-FUNCTION OF A PATIENT**

Examiner: R. D. Bradford

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S.
12/22/2005 DTESEM1 00000025 10606202

Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

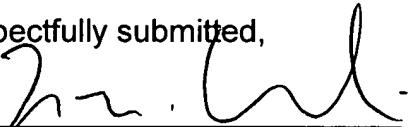
In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Our check in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p) is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0665, under Order No. 337348046US. A duplicate copy of this paper is enclosed.

Dated: December 19, 2005

Respectfully submitted,

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PTO/SB/08a/b (07-05)

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Substitute for form 1449A/B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/606,202-Conf. #4373
(Use as many sheets as necessary)				Filing Date	June 24, 2003
				First Named Inventor	Andrew D. Firlik
				Art Unit	3762
				Examiner Name	R. D. Bradford
Sheet	1	of	2	Attorney Docket Number	337348046US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-2,721,316	10-18-1955	Shaw	
		US-3,628,193	12-21-1971	Collins	
		US-2002/0077670-A1	06-20-2002	Archer et al.	
		US-2002/0091419-A1	07-11-2002	Firlik et al.	
		US-6,839,594-A1	10-31-2002	Cohen et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
		EP-1180056	11-12-2003	Exogen, Inc.	
		DE 19750043	05-20-1999	Bartha et al.	

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
		BARR, Deborah et al., "Induction and Reversal of Long-Term Potentiation by Low- and High- Intensity Theta Pattern Stimulation," The Journal of Neuroscience, 15(7): pp. 5402-5410 (July 1995)			
		DING, Yuemin et al., "Neural Plasticity After Spinal Cord Injury," Current Pharmaceutical Design Vol. 11, No. 11, pp: 1441-1450, Abstract Only-1 page (April 2005)			
		Cytokines Web Clinical Significance. Cytokines Web, 2 pages. [Retrieved on 9-2-2005]. Retrieved from the internet: <URL: http://cmbi.bjmu.edu.cn/cmbidata/cgf/CGF_Database/cytweb/roles/index.html >			
		DUNCAN, Pamela W. et al., "Defining post-stroke recovery: implications for design and interpretation of drug trials," Neuropharmacology Vol. 39, pp. 835-841 (2000)			
		FREGNI, Felipe et al., "Anodal Transcranial Direct Current Stimulation of Prefrontal Cortex Enhances Working Memory," Experimental Brain Research Vol. 166, No. 1, pp: 23-30, (September 2005)			

Examiner Signature		Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/606,202-Conf. #4373
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				Art Unit	3762
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	HAGEMANN, Georg et al., "Increased Long-Term Potentiation in the Surround of Experimentally Induced Focal Cortical Infarction," Annals of Neurology, Vol. 44, No. 2, pp. 255-258 (August 1998)	
	HUANG, Ying-Zu et al., "Theta Burst Stimulation of the Human Motor Cortex," Neuron, Vol. 45, pp. 201-206 (January 20, 2005)	
	LARSON, John et al., "Reversal of LTP by theta frequency stimulation," Brain Research, 600: pp. 97-102 (1993)	
	MANSUR, C.G., et al., "A sham stimulation-controlled trial of rTMS of the unaffected hemisphere in stroke patients," Neurology, Vol. 64, pp. 1802-1804 (2005)	
	PAULUS, Walter, "Toward Establishing a Therapeutic Window for rTMS by Theta Burst Stimulation," Neuron, Vol. 45, pp. 181-183 (January 20, 2005)	
	SCHAEFER, Pamela W. et al., "Assessing Tissue Viability with MR Diffusion and Perfusion Imaging," AJNR, 24: pp.436-443 (March 2003)	
	SCHIENE, Klaus et al., "Neuronal Hyperexcitability and Reduction of GABA-Receptor Expression in the Surround of Cerebral Photothrombosis," Journal of Cerebral Blood Flow and Metabolism, Vol. 16, No. 5, pp. 906-914 (1996)	
	SCIRun. Scientific Computing and Imaging Institute, 2 pages. [Retrieved on 7-24-2005]. Retrieved from the internet: <URL: http://software.sci.utah.edu/scirun.html >	
	The GES 250 for Dense-Array EEG Research. Electrical Geodesics, Inc., 3 pages. [Retrieved on 8-25-2005]. Retrieved from the internet: <URL: http://www.egi.com/ges250r_n.html >	
	Tractography. Absolute Astronomy Reference, 2 pages. [Retrieved on 7-24-2005]. Retrieved from the internet: <URL: http://www.absoluteastronomy.com/encyclopedia/T/Tr/Tractography.htm >	

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